the Aluminum Association
Incorporated

818 Connecticut Avenue, N.W.
Washington D.C. 20006
(202) 862-5100

September 16, 1982

NOTICE

REVISED NET NEW ORDER RECEIPTS DATA

Effective September, 1982, the Aluminum Association's Net New Order Receipts data series are being changed to reflect improved statistical procedures for calculating total industry estimates. Some product categories have been changed and two new categories are being reported for the first time.

For the past year and a half, the Association has been analyzing its Net New Order Receipts program, assisted by outside experts. Since total orders are a sum of individual product categories, the analysis concentrated on procedures to improve the estimates for each product category. Some product categories were revised as a result, as follows:

1. Net Primary Ingot (domestic) is superseded by Total Net Ingot, including both primary and secondary.
2. Other Sheet and Plate now includes an estimate for orders for welded tube.
3. Bar, Rod and Wire now includes an estimate for net conductor redraw rod.
4. New categories are shown for Forgings and Impacts, and Powder and Paste.
5. The All Other category has been dropped.

The revised estimates cover the period January, 1981 to date. They are reproduced for each of the last 20 months on the following pages. The net effect is a 406 million pound reduction (or 3.3%) from the previous estimates for the year of 1981. There is a 290 million pound increase (or 3.7%) in estimated orders for the first eight months of 1982. The revised estimates contain all known up-to- date revisions to shipment data and order receipts.

The September, 1982 issue of the ALUMINUM SITUATION will contain estimates for the new product categories and new data series for comparable 1982 and 1981 months.

George Van Buren Day
Vice President, Economic Affairs

America Needs Aluminum

Revised September 16, 1982

the Aluminum Association

Incorporated

818 Connecticut Avenue, N.W., Washington, D.C. 20006
(202) 862-5100

MONTHLY ESTIMATED INDUSTRY ORDERS - 1981
NET SHIPMENT BASIS (*)
(Based on reports by members of the Aluminum Association)

(Millions of Pounds)

1981	TOTAL NET	EXPORTS	DOMESTIC (NET) TOTAL	TOTAL INGOT (a)	SHEET PLATE (b)	CAN STOCK	FOIL	EXTRUDED PRODUCTS (c)	BR&W (d)	ACSR	INSUL	POWDER &PASTE	FORGINGS &IMPACTS
JAN	1,162.2	122.2	1,040.0	159.2	283.2	248.7	75.9	158.8	27.2	37.6	34.1	7.4	7.9
FEB	1,098.0	132.4	965.6	131.9	315.4	215.2	72.6	151.6	19.9	21.0	22.7	8.4	6.9
MAR	1,082.1	108.0	974.1	146.6	297.9	199.5	73.6	171.7	19.7	22.8	27.2	6.8	8.3
1st Q	3,342.3	362.6	2,979.7	437.7	896.5	663.4	222.1	482.1	66.8	81.4	84.0	22.6	23.1
APR	1,132.2	141.6	990.6	151.9	278.4	207.9	72.7	190.4	15.9	25.0	28.6	8.0	11.8
MAY	1,051.1	68.9	982.2	150.1	274.9	256.9	71.4	153.6	14.3	19.4	27.3	5.2	9.1
JUN	1,003.0	82.8	920.2	154.7	259.9	196.0	84.7	145.6	14.8	22.4	29.1	6.6	6.4
2nd Q	3,186.3	293.3	2,893.0	456.7	813.2	660.8	228.8	489.6	45.0	66.8	85.0	19.8	27.3
JUL	1,005.1	67.9	937.2	151.6	237.2	239.1	64.4	165.3	12.8	17.6	28.2	10.7	10.3
AUG	921.6	53.5	868.1	129.9	194.0	242.5	63.7	143.4	13.2	17.4	33.1	17.6	13.3
SEP	939.9	103.7	836.2	128.3	187.5	236.8	66.4	138.4	18.0	17.5	25.6	11.3	6.4
3rd Q	2,866.6	225.1	2,641.5	409.8	618.7	718.4	194.5	447.1	44.0	52.5	86.9	39.6	30.0
OCT	825.5	46.1	779.4	125.3	202.7	166.1	72.5	137.6	10.1	31.2	21.8	7.1	5.0
NOV	734.0	66.0	668.0	90.4	175.4	157.8	70.4	118.8	10.5	11.4	19.5	7.9	5.9
DEC	881.7	65.5	816.2	129.1	174.9	240.6	67.5	129.5	15.1	27.4	19.2	4.7	8.2
4th Q	2,441.2	177.6	2,263.6	344.8	553.0	564.5	210.4	385.9	35.7	70.0	60.5	19.7	19.1
YEAR	11,836.4	1,058.6	10,777.8	1,649.0	2,881.4	2,607.1	855.8	1,804.7	191.5	270.7	316.4	101.7	99.5

( ) Net Cancellations over order receipts
(*) Comparable to net shipments as reported by Census in CIR Series M33-2, plus net imports of mill products. Domestic data excludes exports.

(a) Primary and Secondary
(b) Excludes Can Stock, includes Welded Tube
(c) Includes Drawn Tube
(d) Rolled and Continuous Cast Bar, Rod & Wire

NOTE: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received for the previous week. The Association expands these data to total industry utilizing an expansion ratio, based on shipment data published by the Bureau of Census, that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it cannot of course, vouch for the accuracy or completeness of the data.

Revised September 16, 1982

the Aluminum Association

Incorporated

818 Connecticut Avenue, N.W., Washington, D.C. 20006
(202) 862-5100

MONTHLY ESTIMATED INDUSTRY ORDERS - 1982
NET SHIPMENT BASIS (*)
(Based on reports by members of the Aluminum Association)

(Millions of pounds)

1982	TOTAL NET	EXPORTS	DOMESTIC (NET) TOTAL	TOTAL INGOT (a)	SHEET PLATE (b)	CAN STOCK	EXTRUDED FOIL	EXTRUDED PRODUCTS (c)	BR&W (d)	ACSR	INSUL	POWDER &PASTE	FORGINGS &IMPACTS
JAN	939.0	95.8	843.2	136.1	187.7	248.8	65.1	114.1	21.4	36.0	21.0	9.5	3.5
FEB	936.5	120.1	816.4	120.7	204.6	227.1	54.1	132.6	16.5	22.5	23.8	6.1	8.4
MAR	1,111.4	127.8	983.6	146.3	213.0	311.4	67.0	152.1	24.7	26.4	22.5	9.7	10.5
1st Q	2,986.9	343.7	2,643.2	403.1	605.3	787.3	186.2	398.8	62.6	84.9	67.3	25.3	22.4
APR	991.2	48.5	942.7	221.7	231.0	227.9	55.6	137.5	13.8	23.1	17.5	6.5	8.1
MAY	1,049.9	116.6	933.3	233.4	231.8	208.7	64.8	135.9	14.4	17.8	17.0	4.7	4.8
JUN	1,123.1	65.1	1,058.0	178.7	260.2	299.9	75.7	162.1	18.4	22.5	20.3	12.6	7.6
2nd Q	3,164.2	230.2	2,934.0	633.8	723.0	736.5	196.1	435.5	46.6	63.4	54.8	23.8	20.5
JUL	834.7	15.6	819.1	144.5	218.7	225.3	59.5	121.7	10.2	13.1	18.0	4.7	3.4
AUG	1,122.9	170.9	952.0	215.2	228.3	232.8	64.2	138.8	10.6	29.5	18.5	7.1	7.0

( ) Net Cancellations over order receipts
(*) Comparable to net shipments as reported by Census in CIR Series M33-2, plus net imports of mill products. Domestic data excludes exports.

(a) Primary and Secondary
(b) Excludes Can Stock, includes Welded Tube
(c) Includes Drawn Tube
(d) Rolled and Continuous Cast Bar, Rod & Wire

NOTE: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received for the previous week. The Association expands these data to total industry utilizing an expansion ratio, based on shipment data published by the Bureau of Census, that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it cannot of course, vouch for the accuracy or completeness of the data.

The Aluminum Situation

A Monthly Publication of
The Aluminum Association, Inc., 818 Connecticut Avenue, NW, Washington, DC 20006

Economic Affairs Department 202-862-5100

A0400-1 10/28/82

October, 1982

Net Shipments Down 13.0 Per Cent

Net shipments of aluminum ingot and mill products in 8 months of 1982, at an estimated 8,212 million pounds were 13.0% less than shipments of 9,440 million pounds for 8 months of 1981.

Domestic shipments totalled 7,383 million pounds for 8 months of 1982, representing a decline of 12.3% from the 8,421 million pounds shipped in 8 months of 1981.

Exports of 829 million pounds were down 18.6% vs. 1,019 million pounds for 8 months of 1981.

Thru August, 1982

	8 Mos. 1982	8 Mos. 1981	% Change
Mill Products	6,445	7,403	−12.9
Ingot	1,767	2,037	−13.3
Total	8,212	9,440	−13.0
Less Exports	(829)	(1,019)	−18.6
Domestic Total	7,383	8,421	−12.3

Million of Pounds

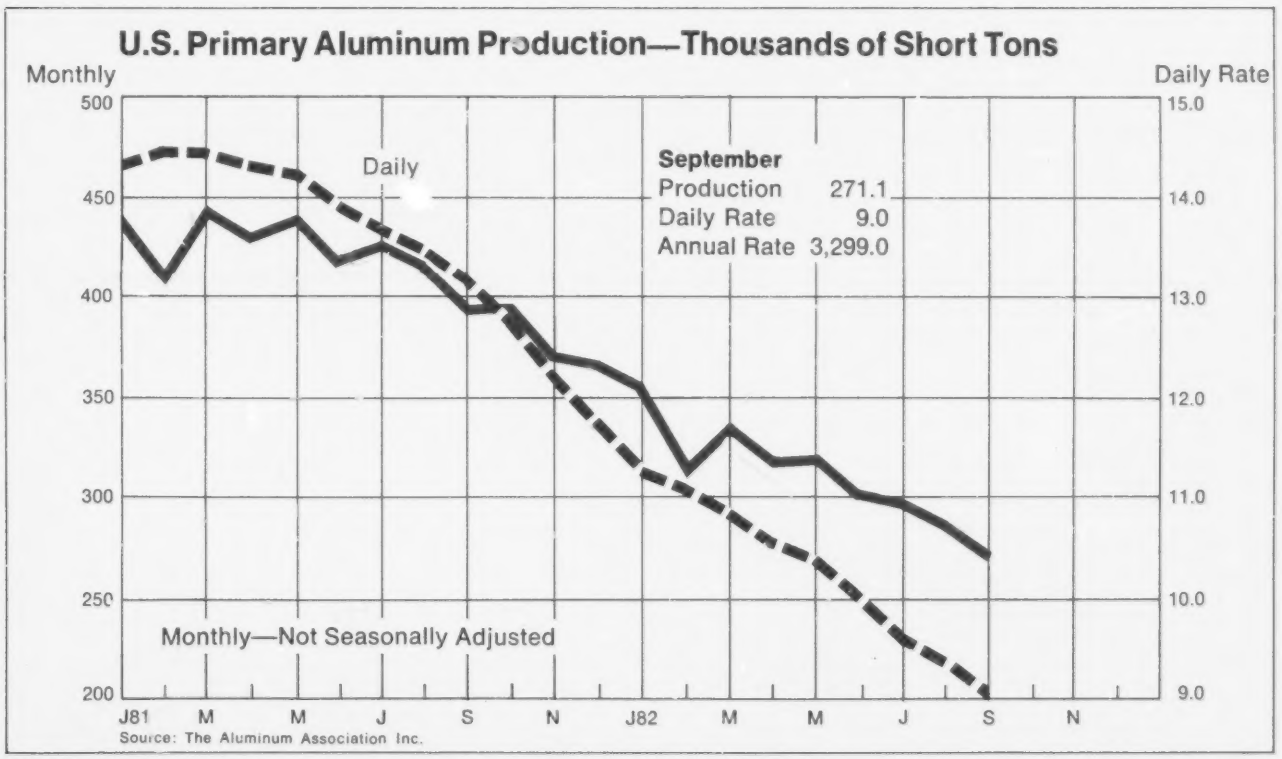
Source: Latest two months estimated by the Aluminum Association. Previous data—Bureau of the Census.

Primary Production Rate Down 31.0 Per Cent

U.S. primary aluminum production averaged 9,038 short tons daily during September, 1982 compared with an average 13,100 tons a day in September, 1981.

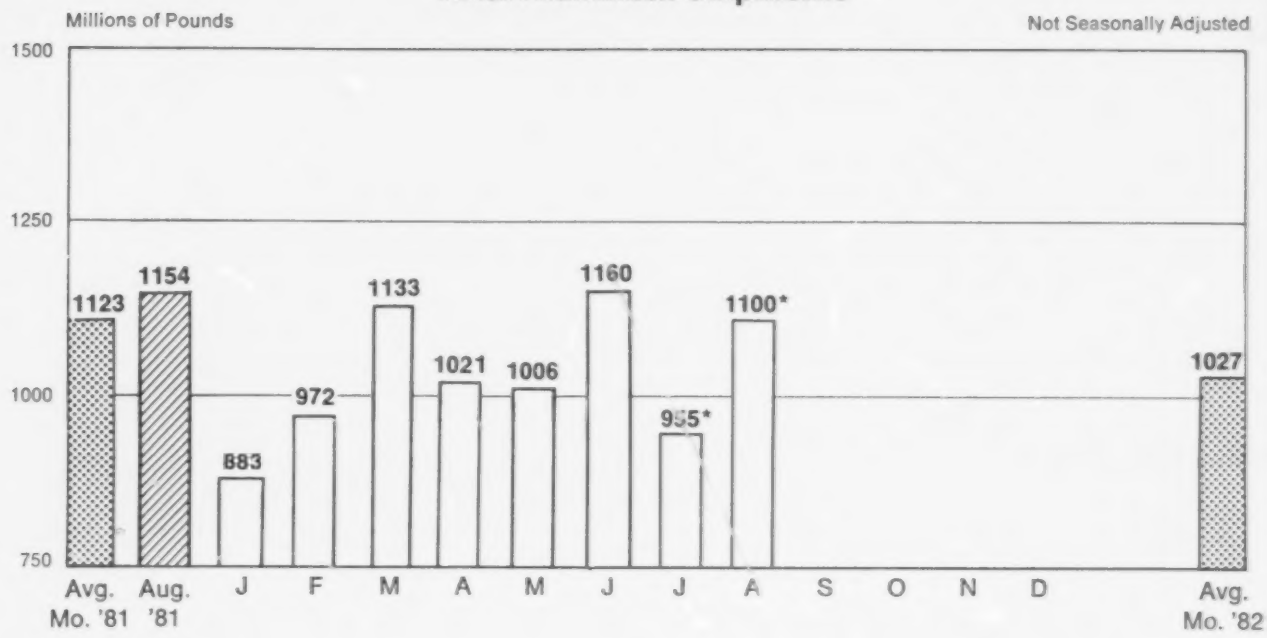
The annual rate of production in September, 1982 was 3,298,955 tons, compared to 4,781,640 tons in September, 1981. The August 1982 production rate was 3,380,100 tons.

Actual production in September, 1982 was 271,147 tons, compared with 287,077 tons in August, 1982.



Aluminum Association total industry estimates are based on information reported by members, which is aggregated by the Association and then expanded to total industry data utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. While the Association believes that its statistical procedures and methods are reliable, it does not warrant the accuracy or completeness of the data. All data contained herein are subject to revision.

Total Aluminum Shipments



Net Shipments
(Millions of Pounds)

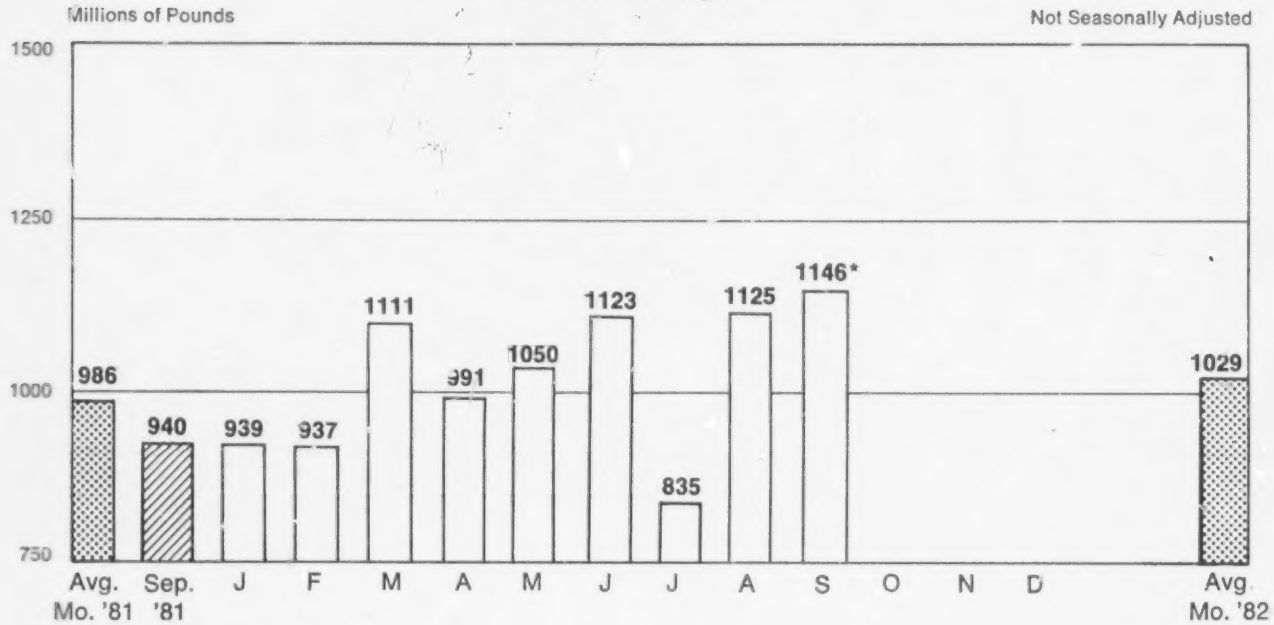
	1982 August*	1982 July*	1981 August	% Change Latest Month 1982 vs. 1981
Sheet & Plate	458.0	445.0	517.0	−11.4
Foil	59.0	55.0r	69.1	−14.6
Rod, Bar & Wire	19.0	16.0	25.4	−25.2
Electrical Conductor	48.0	48.0	55.8	−14.0
Extruded Products	162.0	157.0	176.0	− 8.0
Welded Tube	4.0	4.0	6.9	−42.0
Powder & Pigments	7.0	8.0	9.5	−26.3
Forgings & Impacts	8.0	7.0	10.0	−20.0
Net Imports of Mill Products (Total) (a)	30.0	30.0	20.7	+44.9
Total Mill Products	795.0	770.0r	890.4	−10.7
Ingot	305.0(b)	185.0(b)	263.1	+15.9
TOTAL INDUSTRY SHIPMENTS	1,100.0	955.0r	1,153.5	− 4.6
Exports	(119.6)	(79.8)	(69.5)	+72.1
TOTAL DOMESTIC SHIPMENTS	980.4	875.2r	1,084.0	− 9.6

* Latest two months estimated by the Aluminum Association.
Previous data—Bureau of the Census and Department of Commerce.
(a) Not included in product data above.
(b) Sufficient data not available for reliable estimate. Implicit in this item is a 10 to 25% variation.
r-revised.

August Net Shipments Down 4.6 Per Cent

Total August net shipments of 1,100 million pounds were down an estimated 4.6% from August, 1981 shipments of 1,154 million pounds. Exports increased 72.1% and domestic shipments were down 9.6% versus a year ago.

Order Receipts



Order Receipts
(Millions of Pounds)

	1982 September*	1982 August	1981 September	% Change Latest Month 1982 vs. 1981
Can Stock	186.7	232.3	236.8	−21.2
Sheet & Plate, Other	210.9	227.5	187.5	+12.5
Foil	57.2	64.1	66.4	−13.9
Rod, Bar & Wire	12.9	10.6	18.0	−28.3
Electrical Conductor	32.1	48.0	43.1	−25.5
Extruded Products	128.6	135.4	138.4	− 7.1
Powder & Paste	8.6	7.1	11.3	−23.9
Forgings & Impacts	7.7	7.0	6.4	+20.3
Domestic Mill Products	644.7	732.0	707.9	− 8.9
Ingot (Total)	285.9	215.2	128.3	+122.8
TOTAL DOMESTIC	930.6	947.2	836.2	+11.3
Exports	215.1	177.8	103.7	+107.4
TOTAL ALL PRODUCTS	1,145.7	1,125.0	939.9	+21.9

Source: The Association estimates total industry orders, based on weekly reports by members of new orders (less cancellations) received. The Association expands these data to total industry utilizing an expansion ratio that attempts to reflect the relationship of reporters to the total industry. Weekly data are available upon request.

* Latest month.
r Revised.

Order Receipts Up 21.9 Per Cent vs. Year Ago

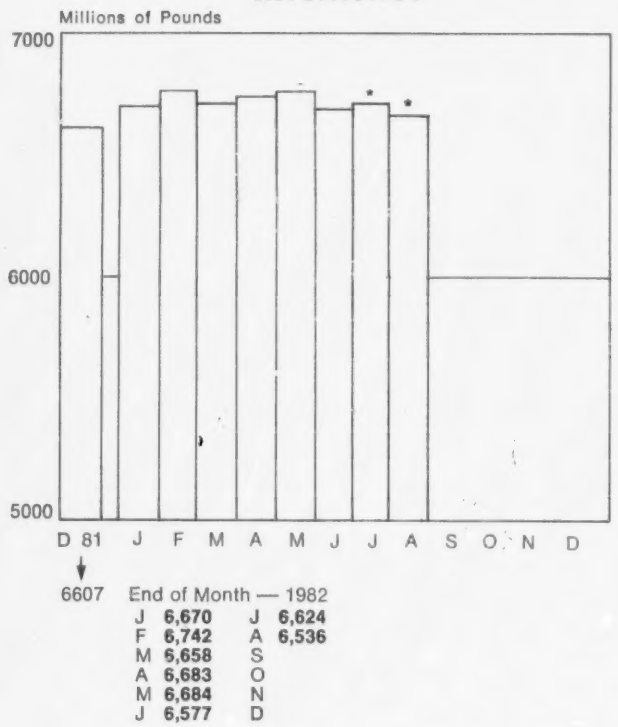
Estimated net new order receipts for September, 1982 of 1,146 million pounds were up 21.9% over the 940 million pounds for September, 1981. Domestic orders were up 11.3% mainly due to ingot orders.

Producers Stocks Drop 88 Million Pounds

Producer inventories decreased an estimated 88 million pounds in August, 1982 from an estimated 6,624 million pounds in July to an estimated 6,536 million pounds.

Integrated producer stocks went down 86 million pounds. Secondary smelters' and nonintegrateds' stocks together declined an estimated 2 million pounds.

Inventories



Producers Inventories
(Millions of Pounds)

Producers	Aug. '82*	July '82*	Aug. '82 vs. Year End '81
Integrateds	5,584	5,670	+42
Smelters	212	212r	−55
Nonintegrated	740	742r	−58
TOTAL	6,536	6,624r	−71

* Latest two months estimated by Aluminum Association. Previous data—Bureau of the Census. Inventories include ingot, mill products and scrap. r-revised.

Imports and Exports
(Millions of Pounds)

		1982 August	1982 July	1981 August	% Change Latest Month 1982 vs. 1981
Imports	Mill Products	38.6	35.1	23.7	+62.9
	Ingot	156.3	84.1	133.9	+16.7
	TOTAL	194.4	119.2	157.6	+23.4
	Scrap (+ dross)	11.9	10.7	13.0	− 8.5
Exports	Mill Products	34.4	31.4	33.7	+ 2.1
	Ingot	85.2	48.4	35.8	+138.0
	TOTAL	119.6	79.8	69.5	+72.1
	Scrap	33.2	32.0	29.3	+13.3
Net Imports		+53.5	+18.1	+71.8	−25.6

Source: Department of Commerce, Industry Trade Administration and Bureau of the Census. Excludes backed foil.